FORM D

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MAY 23 2008

Washington, DC

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM D

NOTICE OF SALE OF SECURITIES
PURSUANT TO REGULATION D,
SECTION 4(6), AND/OR
ORM LIMITED OFFERING EXEMPTION

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OMB Nun	nber:	3235-0076
Expires:	May 3	1,2008
Estimated	averáge	: burden
hours per	reenone	1600

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Name of Offering (check if this is an amendment and name has changed, and indicate change.)
Investment in Common Stock of CAS Medical Systems
Filing Under (Check box(es) that apply): Rule 504 Rule 505 Rule 506 Section 4(6) ULOE
Name of Offering (check if this is an amendment and name has changed, and indicate change.) Investment in Common Stock of CAS Medical Systems Filing Under (Check box(es) that apply): Rule 504 Rule 505 Rule 506 Section 4(6) ULOE Type of Filing: New Filing Amendment A. BASIC IDENTIFICATION DATA
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Name of Issuer (check if this is an amendment and name has changed, and indicate change.)
CAS Medical Systems, Inc.
Address of Executive Offices (Number and Street, City, State, Zip Code) Telephone Number (Including Area Code)
4 East Industrial Drive, Branford, CT 06405 (203) 488-6056
Address of Principal Business Operations (Number and Street, City, State, Zip Code) Telephone Number (Including Area Code) if different from Executive Offices)
Brief Description of Business Design and manufacture of medical equipment.
Type of Business Organization Corporation Imited partnership, already formed business trust Imited partnership, to be formed
Month Year Actual or Estimated Date of Incorporation or Organization: 112 814 Actual Estimated Durisdiction of Incorporation or Organization: (Enter two-letter U.S. Postal Service abbreviation for State:
CN for Canada; FN for other foreign jurisdiction)
GENERAL INSTRUCTIONS
Federal:

Who Must File: All issuers making an offering of securities in reliance on an exemption under Regulation D or Section 4(6), 17 CFR 230.501 et seq. or 15 U.S.C. 77d(6).

When To File: A notice must be filed no later than 15 days after the first sale of securities in the offering. A notice is deemed filed with the U.S. Securities and Exchange Commission (SEC) on the earlier of the date it is received by the SEC at the address given below or, if received at that address after the date on which it is due, on the date it was mailed by United States registered or certified mail to that address.

Where To File: U.S. Securities and Exchange Commission, 450 Fifth Street, N.W., Washington, D.C. 20549.

Copies Required: Five (5) copies of this notice must be filed with the SEC, one of which must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

Information Required: A new filing must contain all information requested. Amendments need only report the name of the issuer and offering, any changes thereto, the information requested in Part C. and any material changes from the information previously supplied in Parts A and B. Part E and the Appendix need not be filed with the SEC.

Filing Fee: There is no federal filing fee.

State

This notice shall be used to indicate reliance on the Uniform Limited Offering Exemption (ULOE) for sales of securities in those states that have adopted ULOE and that have adopted this form. Issuers relying on ULOE must file a separate notice with the Securities Administrator in each state where sales are to be, or have been made. If a state requires the payment of a fee as a precondition to the claim for the exemption, a fee in the proper amount shall accompany this form. This notice shall be filed in the appropriate states in accordance with state law. The Appendix to the notice constitutes a part of this notice and must be completed.

- ATTENTION -

Failure to file notice in the appropriate states will not result in a loss of the federal exemption. Conversely, failure to file the appropriate federal notice will not result in a loss of an available state exemption unless such exemption is predictated on the filing of a federal notice.

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2. Enter the information re	-		_						
•	•		as been organized v		•				
	• •		• •		•	· ·			ss of equity securities of the issuer.
		•		согро	rate general and mai	naging	g partners o	f partn	ership issuers; and
Each general and i	managing partne	r of parts	nership issuers.						
Check Box(es) that Apply:	Promote		Beneficial Owner		Executive Officer	Ø	Director		General and/or Managing Partner
Full Name (Last name first, i Scheps, Louis P.	if individual)					_			
Business or Residence Addre c/o CAS Medical System					T 06405				
Check Box(es) that Apply:	Promoter		Beneficial Owner		Executive Officer	Ø	Director		General and/or Managing Partner
Full Name (Last name first, Baron, Jerome S.	f individual)								
Business or Residence Addre c/o CAS Medical Systems	•			•	Г 06405	 			
Check Box(es) that Apply:	Promoter		Beneficial Owner		Executive Officer	Ø	Director		General and/or Managing Partner
Full Name (Last name first, i Burstein, Lawrence S.	f individual)								
Business or Residence Addre c/o CAS Medical Systems	•		, City, State, Zip Co rial Drive, Branfo	•	T 06405				
Check Box(es) that Apply:	Promoter		Beneficial Owner		Executive Officer	V	Director		General and/or Managing Partner
Full Name (Last name first, i Kersey, Andrew E.	f individual)						•		
Business or Residence Addre c/o CAS Medical System	•			,	T 06405	-			
Check Box(es) that Apply:	Promoter		Beneficial Owner		Executive Officer	Ø	Director		General and/or Managing Partner
Full Name (Last name first, i Milles, Saul S., M.D.	f individual)								······
Business or Residence Addre c/o CAS Medical System					T 06405		,•		· · · · · · · · · · · · · · · · · · ·
Check Box(es) that Apply:	Promoter		Beneficial Owner		Executive Officer	Z	Director		General and/or Managing Partner
Full Name (Last name first, i Jones, Evan	f individual)				· · · · · · · · · · · · · · · · · · ·				
Business or Residence Addre c/o CAS Medical System					T 06405				
Check Box(es) that Apply:	Promoter		Beneficial Owner	Ø	Executive Officer		Director		General and/or Managing Partner
Full Name (Last name first, i Baird, Jeffery A.	f individual)								
Business or Residence Addre c/o CAS Medical Systems	•		City, State, Zip Co rial Drive, Branfo		Г 06405				
	(Use b	lank she	et, or copy and use	additio	onal copies of this sh	icet, a	s necessary)	

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							44. 4		.4.1 60			Yes	No
٠١.	Has the	issuer sold	d, or does th							_	************		
_			_			n Appendix						. 10	00.000,000
2.	What is	the minim	ium investm	ent that v	vill be acce	pted from	any individ	lua!?			•••••••	" —	
3.	Does the offering permit joint ownership of a single unit?							Yes	No Mo				
4.	commis If a pers or states a broke	sion or sim on to be lis s, list the na r or dealer,	ilar remune ited is an ass ame of the b , you may so	ration for: sociated per roker or de et forth th	solicitation erson or age ealer. If me	of purchas ent of a bro ore than fiv	ers in conn ker or deale e (5) persor	ection with r registere ns to be list	sales of se d with the S ted are asso	curities in SEC and/or	the offering with a state	:	
Full	Name (Last name	first, if indi	vidual)									
Bus	iness or	Residence	Address (N	umber and	d Street, C	ity, State, 2	Zip Code)				· · · · · · · · · · · · · · · · · · ·		
Nan	ne of Ass	sociated Br	oker or Dea	əler									
Stat	es in Wh	ich Person	Listed Has	Solicited	or Intends	to Solicit	Purchasers						
	(Check	"All States	" or check	individual	States)	,						☐ Ai	Il States
	AL IL MT RI	IN NE SC	IA NV SD	AR KS NH TN	CA KY NJ TX	CO LA NM UT	CT ME NY VT	DE MD NC VA	DC MA ND WA	FL MI OH WV	GA MN OK WI	MS OR WY	MO PA PR
Full	Name (Last name	first, if indi	vidual)									
Busi	iness or	Residence	Address (N	lumber an	d Street, C	City, State,	Zip Code)		 	.			
Nam	e of Ass	ociated Br	oker or Dea	ıler									
Cara	:- 11/1-	ish Dansar	Listed Has	Califoliand		A- C-11-14	D						
			" or check i						**************			☐ Al	l States
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			[AZ]	KS	KY	LA	ME	MD	MA	MI	[GA] [MN]	M\$	MO
	MT	(NE)	NV	NH	NJ (XXX)	NM	NY)	NC	ND	OH	OK	OR	PA
	RI	[SC]	SD	TN	TX	UT	(VI)	VA	WA	wv	WI	WY	PR
Full	Name (I	ast name i	first, if indi	vidual)						 			
Busi	ness or	Residence	Address (N	lumber an	d Street, C	ity, State, 2	Zip Code)						
Nam	e of Ass	ociated Br	oker or Dea	ler		-		· · · · · · · · · · · · · · · · · · ·					
State	s in Wh	ich Person	Listed Has	Solicited	or Intends	to Solicit I	Purchasers						
	(Check '	"All States"	" or check i	ndividual	States)		***************		.,		*************	☐ All	States
	AL IL MT	AK IN NE SC	AZ IA NV SD	AR KS NH TN	CA KY NJ TX	CO LA NM UT	ME NY VT	DE MD NC VA	DC MA ND WA	FL MI OH WV	GA MN OK WI	HI MS OR WY	MO PA PR

1.	Enter the aggregate offering price of securities included in this offering and the total amount already sold. Enter "0" if the answer is "none" or "zero." If the transaction is an exchange offering, check this box and indicate in the columns below the amounts of the securities offered for exchange and already exchanged.		
	, ,	Aggregate Offering Price	Amount Already Sold
	•	_	
	Debt		\$
	Equity	1,000,000.00	\$ 1,000,000.00
	Common Preferred		
	Convertible Securities (including warrants)		
	Partnership Interests		
	Other (Specify)		
	TotalS	1,000,000.00	s 1,000,000.00
	Answer also in Appendix, Column 3, if filing under ULOE.		
2.	Enter the number of accredited and non-accredited investors who have purchased securities in this offering and the aggregate dollar amounts of their purchases. For offerings under Rule 504, indicate the number of persons who have purchased securities and the aggregate dollar amount of their purchases on the total lines. Enter "0" if answer is "none" or "zero."	Number Investors	Aggregate Dollar Amount of Purchases
	Accredited Investors	1	s 1,000,000.00
	Non-accredited Investors		
	Total (for filings under Rule 504 only)		
	Answer also in Appendix, Column 4, if filing under ULOE.		\$
3.	If this filing is for an offering under Rule 504 or 505, enter the information requested for all securities sold by the issuer, to date, in offerings of the types indicated, in the twelve (12) months prior to the first sale of securities in this offering. Classify securities by type listed in Part C — Question 1.		
	-	Type of	Dollar Amount
	Type of Offering	Security	Sold
	Rule 505		\$
	Regulation A		\$
	Rule 504		\$
	Total		\$_0.00
4	a. Furnish a statement of all expenses in connection with the issuance and distribution of the securities in this offering. Exclude amounts relating solely to organization expenses of the insurer. The information may be given as subject to future contingencies. If the amount of an expenditure is not known, furnish an estimate and check the box to the left of the estimate.		
	Transfer Agent's Fees		\$
	Printing and Engraving Costs		s
	Legal Fees		\$ 13,000.00
	Accounting Fees		\$
	Engineering Fees	_	\$
	Sales Commissions (specify finders' fees separately)		\$
	Other Expenses (identify)	_	\$
	Table		• 13 000 00

	b. Enter the difference between the aggregate offer and total expenses furnished in response to Part C—proceeds to the issuer."	Question 4.a. This difference is the	"adjusted gross		987,000.00 \$
5.	Indicate below the amount of the adjusted gross pro each of the purposes shown. If the amount for an check the box to the left of the estimate. The total of proceeds to the issuer set forth in response to Part	y purpose is not known, furnish a f the payments listed must equal the	an estimate and		
				Payments to Officers, Directors, & Affiliates	Payments to Others
	Salaries and fees			<u>-</u> ?	
	Purchase of real estate		<u>-</u>	\$. 🗆 \$
	Purchase, rental or leasing and installation of mac and equipment	hinery	_	ıe	□ ¢
	Construction or leasing of plant buildings and fac				_
	Acquisition of other businesses (including the val offering that may be used in exchange for the asso issuer pursuant to a merger)	ets or securities of another]\$	
	Repayment of indebtedness				
	Working capital			\$	\$ 987,000.00
	Other (specify):			\$	s
				\$	ss
	Column Totals		~	\$_0.00	\$ 987,000.00
	Total Payments Listed (column totals added)			≥ \$_98	37,000.00
\)`;		ancientales estendente de la constant			
sign	issuer has duly caused this notice to be signed by the ature constitutes an undertaking by the issuer to fur information furnished by the issuer to any non-accurate	nish to the U.S. Securities and Exc	change Commissi	on, upon writte	
Issu	er (Print or Type)	Signature	Da	nte	· · · · · · · · · · · · · · · · · · ·
CA	S Medical Systems, Inc.	Malin	_ M	ay 21, 2008	
Naл	ne of Signer (Print or Type)	Title of Signer (Print or Type)			
And	rew E. Kersey	President and Chief Executive	Officer		

- ATTENTION -

Intentional misstatements or omissions of fact constitute federal criminal violations. (See 18 U.S.C. 1001.)

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1.	Is any party described in 17 CFR 230.262 presently subject to any of the disqualification provisions of such rule?	Yes	No K

See Appendix, Column 5, for state response.

- The undersigned issuer hereby undertakes to furnish to any state administrator of any state in which this notice is filed a notice on Form D (17 CFR 239.500) at such times as required by state law.
- 3. The undersigned issuer hereby undertakes to furnish to the state administrators, upon written request, information furnished by the issuer to offerees.
- 4. The undersigned issuer represents that the issuer is familiar with the conditions that must be satisfied to be entitled to the Uniform limited Offering Exemption (ULOE) of the state in which this notice is filed and understands that the issuer claiming the availability of this exemption has the burden of establishing that these conditions have been satisfied.

The issuer has read this notification and knows the contents to be true and has duly caused this notice to be signed on its behalf by the undersigned duly authorized person.

Issuer (Print or Type)	Signature	Date
CAS Medical Systems, Inc.	KEL	May 21, 2008
Name (Print or Type)	Title (Print or Type)	
Andrew E. Kersey	President and Chief Executive Officer	

Instruction.

Print the name and title of the signing representative under his signature for the state portion of this form. One copy of every notice on Form D must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

					MAN DE SA				
1	Intend to non-a investor	2 I to sell ccredited s in State -Item 1)	Type of security and aggregate offering price offered in state (Part C-Item 1)		Type of investor and amount purchased in State (Part C-Item 2)				
State	Yes	No	Common Stock	Number of Accredited Investors	Amount	Number of Non-Accredited Investors	Amount	Yes	No
AL			\ <u>-</u> -						
AK					<u> </u>				
AZ									
AR									
CA									
со									
СТ									
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МА		the decoding a global stage.							
MI				·					
MN									
MS									

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1	Intend to non-a investor	2 I to sell ccredited s in State -Item 1)	Type of security and aggregate offering price offered in state (Part C-Item !)		amount pu	4 f investor and rchased in State C-Item 2)		5 Disqualification under State ULOE (if yes, attach explanation of waiver granted) (Part E-Item 1)		
State	Yes	No		Number of Accredited Investors	Accredited Non-Accredited					
мо										
МТ										
NE										
NV										
NH										
NJ										
NM					·					
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					Donk'				
• 1	to non- investo	2 ad to sell accredited ors in State B-Item 1)	Type of security and aggregate offering price offered in state (Part C-Item 1)		Type of investor and amount purchased in State (Part C-Item 2)				
Stat	<u> </u>	No		Number of Accredited Investors	Amount	Number of Non-Accredited Investors	Amount	Yes	No
PR									

